

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082124\
 Data File : VY019208.D
 Acq On : 22 Aug 2024 08:32
 Operator : SY/MD
 Sample : P3671-14
 Misc : 6.18g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-912-J-SO-0.5-1-081924

Quant Time: Aug 22 08:53:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.701	168	19141	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.609	114	24717	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	16732	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	3275	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	6087	31.724	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	63.440%
35) Dibromofluoromethane	7.628	113	7944	49.154	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.300%
50) Toluene-d8	10.103	98	26590	45.719	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.440%
62) 4-Bromofluorobenzene	12.408	95	4900	24.714	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	49.420%

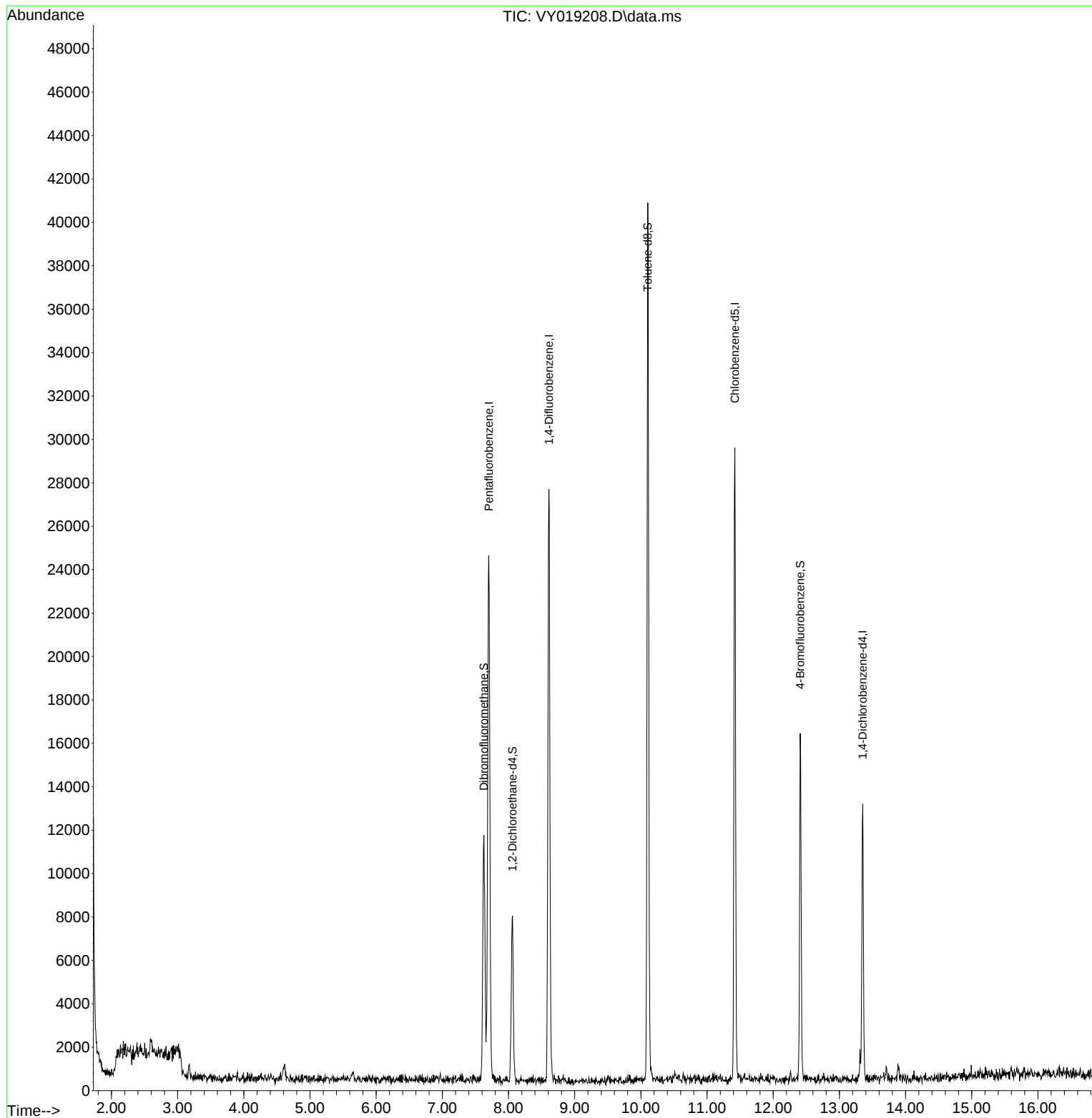
Target Compounds	Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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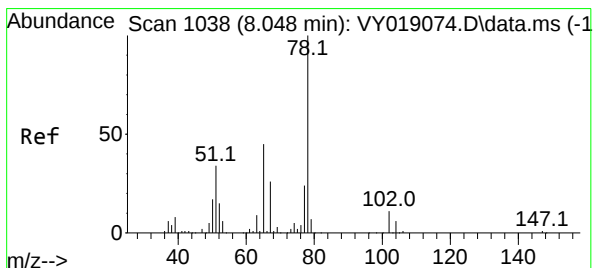
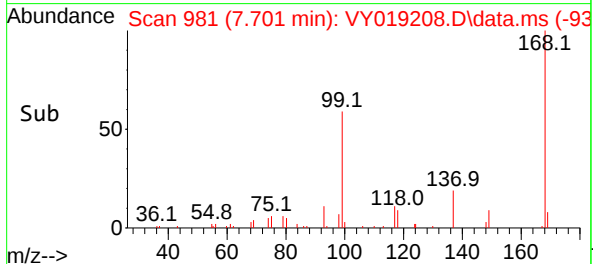
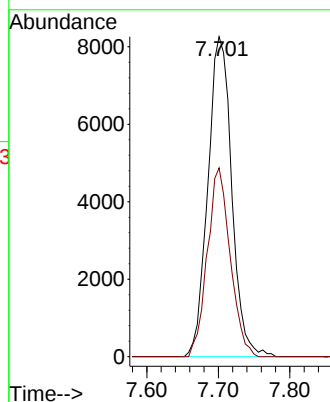
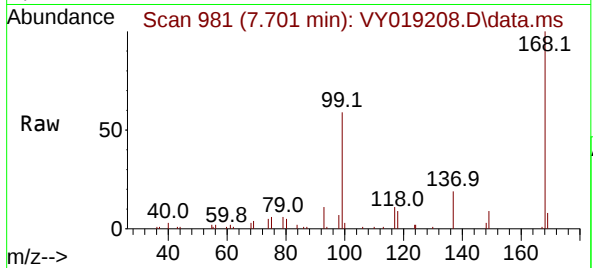




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019208.D
Acq: 22 Aug 2024 08:32

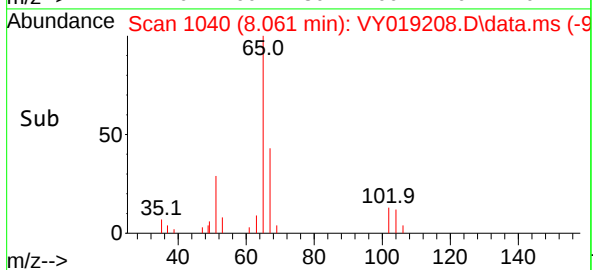
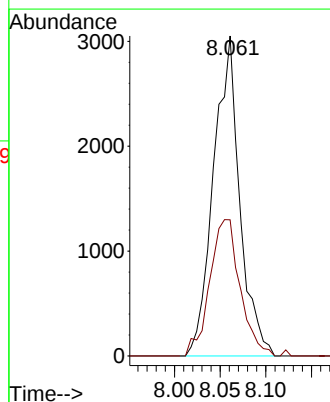
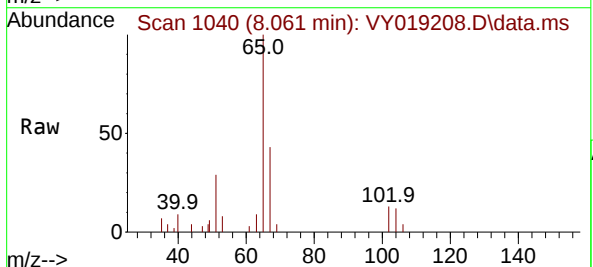
Instrument :
MSVOA_Y
ClientSampleId :
S-912-J-SO-0.5-1-081924

Tgt Ion:168 Resp: 19141
Ion Ratio Lower Upper
168 100
99 59.0 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 31.724 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.012 min
Lab File: VY019208.D
Acq: 22 Aug 2024 08:32

Tgt Ion: 65 Resp: 6087
Ion Ratio Lower Upper
65 100
67 49.2 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY019208.D

Acq: 22 Aug 2024 08:32

Instrument :

MSVOA_Y

ClientSampleId :

S-912-J-SO-0.5-1-081924

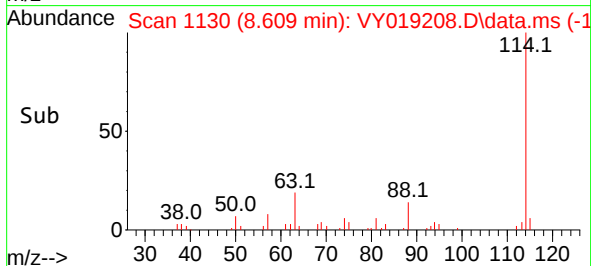
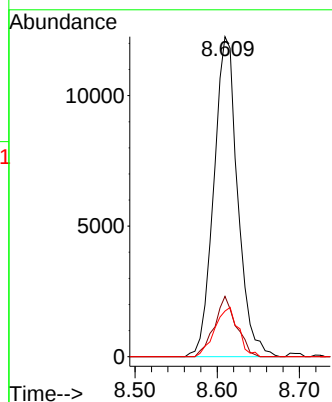
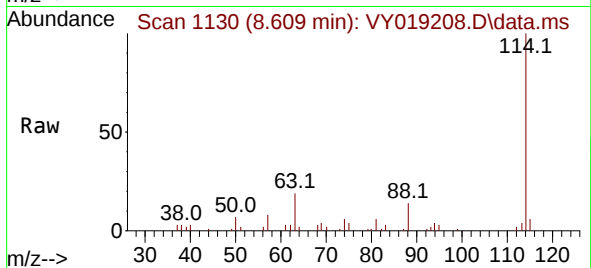
Tgt Ion:114 Resp: 24717

Ion Ratio Lower Upper

114 100

63 18.9 0.0 35.0

88 14.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.154 ug/l

RT: 7.628 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY019208.D

Acq: 22 Aug 2024 08:32

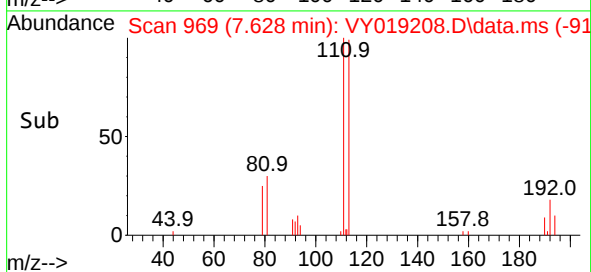
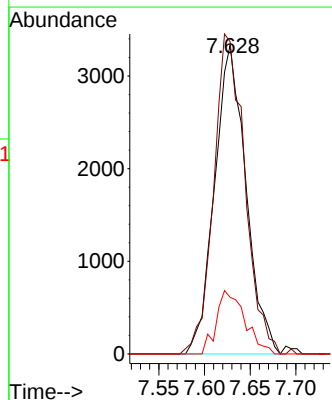
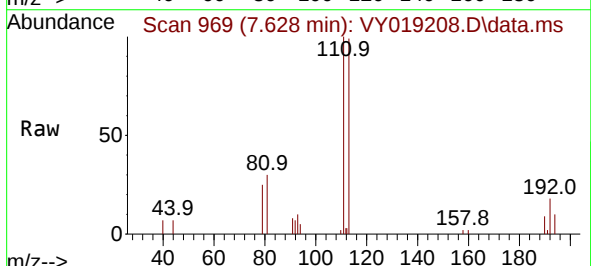
Tgt Ion:113 Resp: 7944

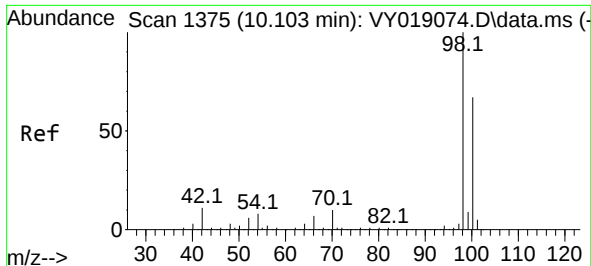
Ion Ratio Lower Upper

113 100

111 102.6 82.2 123.4

192 18.6 15.9 23.9

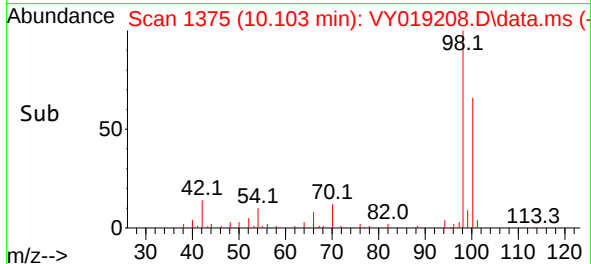
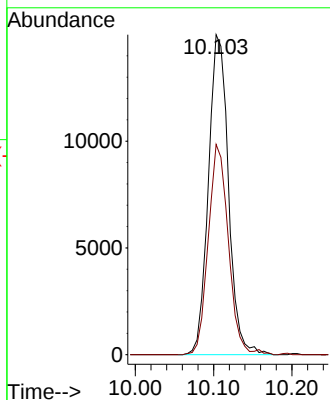
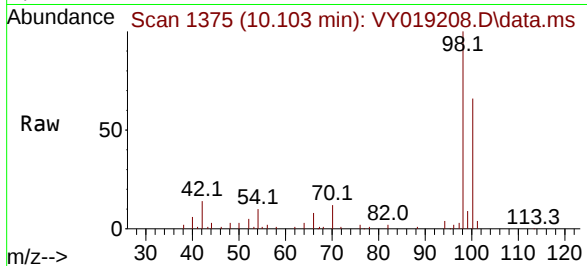




#50
Toluene-d8
Concen: 45.719 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019208.D
Acq: 22 Aug 2024 08:32

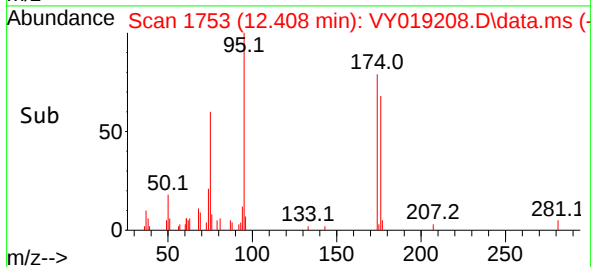
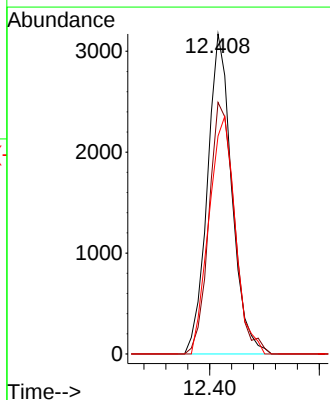
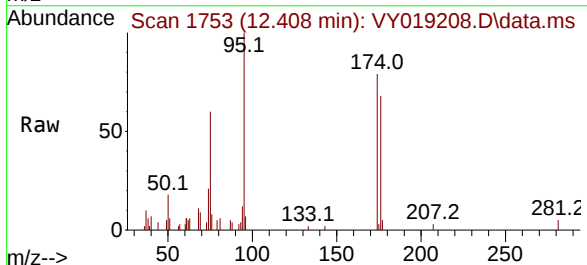
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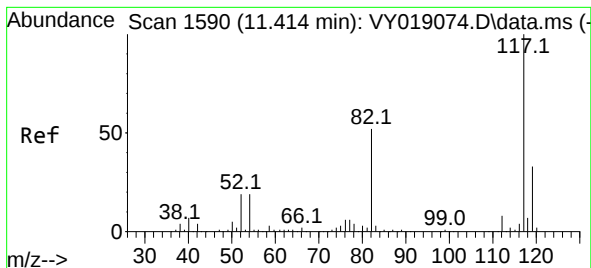
Tgt Ion: 98 Resp: 26590
Ion Ratio Lower Upper
98 100
100 66.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 24.714 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019208.D
Acq: 22 Aug 2024 08:32

Tgt Ion: 95 Resp: 4900
Ion Ratio Lower Upper
95 100
174 82.0 0.0 175.6
176 80.0 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019208.D

Acq: 22 Aug 2024 08:32

Instrument :

MSVOA_Y

ClientSampleId :

S-912-J-SO-0.5-1-081924

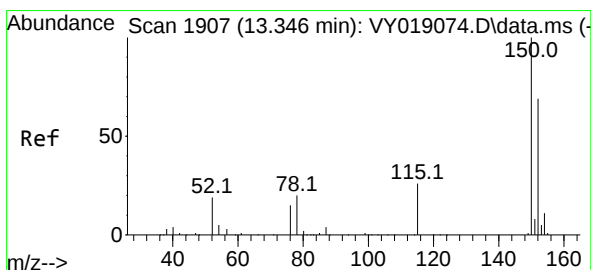
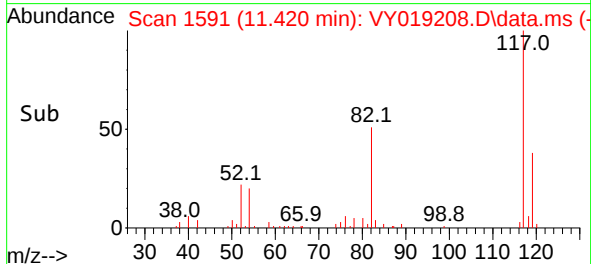
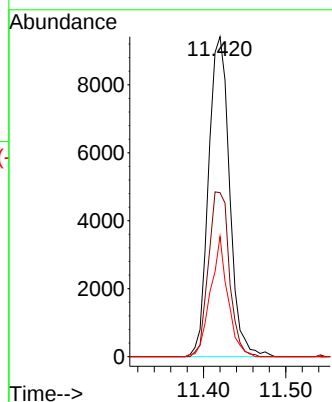
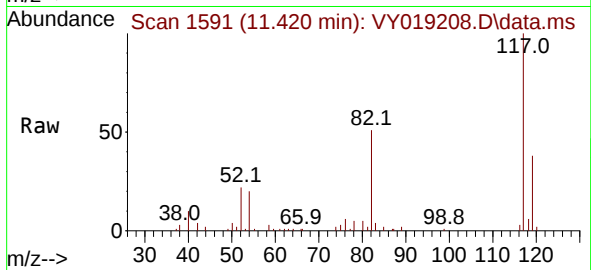
Tgt Ion:117 Resp: 16732

Ion Ratio Lower Upper

117 100

82 51.3 42.4 63.6

119 37.6 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY019208.D

Acq: 22 Aug 2024 08:32

Tgt Ion:152 Resp: 3275

Ion Ratio Lower Upper

152 100

115 64.8 28.2 84.7

150 164.5 0.0 345.6

